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IN THE UNITED STATES DISTRICT COURT

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FOR THE NORTHERN DISTRICT OF CALIFORNIA

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ORACLE AMERICA, INC.,

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Plaintiff,

No. C 10-03561 WHA

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v.

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GOOGLE INC.,

**PENULTIMATE JURY
INSTRUCTION ON FAIR USE**

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Defendant.

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16 Below please find a near-final instruction on fair use, modified after a review of
17 counsel's second round of critiques (and replies). The Court thanks counsel for their input.
18 By **NOON ON MAY 4**, counsel may file a further critique limited to three pages per side (but
19 counsel may rest if they wish on their prior critiques). In light of the many pages of objections
20 previously filed, the three-page limit aspires to concentration on the most critical points.

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22 The Court will pre-instruct the jury. The final instructions at the end of phase one will
23 be changed to reflect the way the case comes in and/or for clarifications. Counsel should *not*
24 claim later they tried their cases in reliance on the exact pre-instructions, for they are subject to
25 change. For the time being, no reference will be made to "custom" in the fair use instruction
until such time as a sufficient factual predicate for one is shown.

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28 In this trial, it has already been established that the Android versions in question used
aspects of Java 2 Standard Edition Version 1.4 and Java 2 Standard Edition Version 5.0,

1 specifically using the declaring code and the structure, sequence, and organization of 37 Java
2 API packages. The pertinent Android versions were: 1.0, 1.1, Cupcake, Donut, Eclair, Froyo,
3 Gingerbread, Honeycomb, Ice Cream Sandwich, Jelly Bean, Kit-Kat, Lollipop, and
4 Marshmallow. Even though the Java programming language was freely usable by Google and
5 others, Google's use of the declaring lines of code and the structure, sequence, and organization
6 of those 37 API packages constituted copyright infringement under the federal Copyright Act of
7 1976 unless you find that Google has carried its burden as to the defense of fair use. In other
8 words, for purposes of this trial, it has already been established that Google used certain aspects
9 of copyrighted works, and the question remaining for you to decide is whether or not Google's
10 use was a fair use. There is no contention, however, that Google copied the implementing code
11 for the 37 APIs. The point of contention is over the declaring lines of code for each method
12 within the 37 APIs, also known as the header lines, which Google concededly used in Android,
13 as well as the structure, sequence, and organization of these 37 APIs.

14 Now, I will explain what fair use means under the law.

15 One policy behind our copyright law, of course, is to protect the compositions of authors
16 from exploitation by others. When it applies, however, the right of fair use permits the use of
17 copyrighted works by others without the copyright owner's consent. The policy behind the
18 right of fair use is to encourage and allow the development of new ideas that build on earlier
19 ones, thus providing a counterbalance to the copyright policy to protect creative works. Since
20 the doctrine of fair use is an equitable rule of reason, no generally accepted definition is
21 possible, and each case raising the question must be decided on its own facts. And, in this
22 dispute between Oracle and Google, that question falls to you for decision.

23 Under the Copyright Act of 1976, an author owns the exclusive right to use or to license
24 his or her writings or images or other copyrightable works with the statutory exception that
25 anyone may make fair use of even a copyrighted work and may do so without anyone's
26 permission and without notice to anyone. Specifically, the Act states (and I will quote it
27 exactly):

28 The fair use of a copyrighted work for purposes such as criticism,
comment, news reporting, teaching (including multiple copies for

1 classroom use), scholarship or research, is not an infringement of
2 copyright. In determining whether the use made of a work in any
3 particular case is a fair use the factors to be considered shall
4 include —

- 5 1. The purpose and character of the use, including
6 whether such use is of a commercial nature or is for nonprofit
7 educational purposes;
- 8 2. The nature of the copyrighted work;
- 9 3. The amount and substantiality of the portion used
10 in relation to the copyrighted work as a whole; and
- 11 4. The effect of the use upon the potential market for
12 or value of the copyrighted work.

13 I have just quoted for you the right of fair use exactly as enacted by Congress in 1976.
14 In your deliberations, you must decide whether or not Google has met its burden in this trial to
15 prove that its copying was a fair use. Now I will further explain each of the four statutory
16 factors.

17 The first statutory factor concerns the purpose and character of the accused use.
18 This factor includes these issues: (1) whether and to what extent the accused use serves a
19 commercial purpose, which weighs against fair use, versus a nonprofit educational purpose,
20 which weighs in favor of fair use, and (2) whether and to what extent the accused work is
21 “transformative,” which supports fair use. Although the Act does not explicitly use the word
22 “transformative,” the courts uniformly hold that the first statutory factor calls for an evaluation
23 whether and to what extent the purpose and character of the accused work is transformative.

24 What does transformative mean? A use is transformative if it adds something new,
25 with a further purpose or different character, altering the first with new expression, meaning,
26 or message rather than merely superseding the objects of the original creation. New works have
27 been found transformative when they use copyrighted material for purposes distinct from the
28 purpose of the original material. A use is considered transformative only where a defendant
changes a plaintiff’s copyrighted work or, where the copyrighted elements remain unchanged
from the original, a defendant uses them in a different context such that the original work is
transformed into a new creation. A work is not transformative where the user makes no
alteration to the expressive content or message of the original work. The extent of

1 transformation may vary from case to case. The greater the transformation, the more likely an
2 accused use will be a fair use, and the less the transformation, the less likely an accused use will
3 qualify as a fair use.

4 In evaluating the first statutory factor, the extent of the commercial nature of the accused
5 use must be considered, as stated. In this case, all agree that Google's accused use was
6 commercial in nature but disagree over the extent. Commercial use weighs against a finding of
7 fair use, but even a commercial use may be found (or not found, as the case may be) to be
8 sufficiently transformative that the first statutory factor, on balance, still cuts in favor of fair use.
9 To put it differently, the more transformative an accused work, the more other factors, such as
10 commercialism, will recede in importance. By contrast, the less transformative the accused
11 work, the more other factors like commercialism will dominate.

12 Also relevant to the first statutory factor is the propriety of the accused infringer's
13 conduct because fair use presupposes good faith and fair dealing. Where, for example, the
14 intended purpose is to supplant the copyright holder's commercially valuable right of first
15 publication, good faith is absent. Under the law, if the use is otherwise fair, then no permission
16 need be sought or granted. Thus, seeking or being denied permission to use a work does not
17 weigh against a finding of fair use.

18 The second statutory factor is the nature of the copyrighted work. This factor recognizes
19 that traditional literary works are closer to the core of intended copyright protection than
20 informational works, such as instruction manuals. Creative writing and expression lie at the
21 very heart of copyright protection, so fair use is generally more difficult to establish for copying
22 of traditional literary works than for copying of informational works. The focus of this statutory
23 factor is on how close the used material is to the core values of copyright protection. The less
24 the used material implicates the core values of copyright protection, the more viable will be fair
25 use and vice versa.

26 In this case, it is undisputed that the declaring code and the structure, sequence, and
27 organization of the 37 API packages at issue were sufficiently creative and original to qualify for
28 copyright protection. "Original," as the term is used in copyright, means only that the work

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1 was independently created by the author (as opposed to copied from other works), and that it
2 possesses at least some minimal degree of creativity. The extent to which the 37 API elements
3 in question here involved greater creativity than the minimum required to obtain copyright is
4 disputed and is open for you to examine. That is, you should consider the extent to which the
5 used material were creative and original versus functional.

6 Even though a computer program performs functions and has functional elements, the
7 structure, sequence, and organization of a computer program may be (or may not be) highly
8 creative. When there are many possible ways to structure, sequence, and organize a program,
9 the particular way chosen by a copyrighted program and even individual lines of declaring code
10 may be (or may not be) highly creative. On the other hand, when the declaring code and the
11 structure, sequence, and organization are dictated by functional considerations such as
12 efficiency, compatibility, or industry standards, then less creativity is indicated and the core
13 values of copyright protection are less implicated. When purely functional elements are
14 embedded in a copyrighted work and it is necessary to copy associated creative elements in order
15 to utilize those functional elements, then this circumstance also favors fair use. Conversely,
16 copying creative expression that is not necessary to perform the functions cuts against fair use.

17 Google, of course, had the right to write its own code to perform any function it wished
18 because no one can get a copyright on a general method of operation (other than to get a
19 copyright on its specific implementation for that function). Unless it was a fair use, however,
20 Google did not have the right to use the exact lines of declaring code and the overall structure,
21 sequence, and organization of the 37 API packages, as copyrighted by Sun (and now owned by
22 Oracle). Because Google was free to use the Java programming language to write Android,
23 you should also consider the extent to which you find it was necessary for Google to use any or
24 all of the declaring code and structure, sequence, and organization of any of the 37 API packages
25 to write in the Java language. Such a finding, to that extent only, would support fair use;
26 to the extent you find it was not necessary, however, that finding would disfavor fair use.
27 This consideration also bears on the third statutory factor, to which I will now turn.
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1 The third statutory factor is the amount and substantiality of the portion used in
2 relationship to the copyrighted work as a whole, which concerns how much of the overall
3 copyrighted work was used by the accused infringer. Analysis of this factor is viewed in the
4 context of Oracle's copyrighted works, namely Java 2 Standard Edition Versions 1.4 and 5.0, not
5 Android. The fact, if true, that a substantial portion of an infringing work was copied verbatim is
6 evidence of the qualitative value of the copied material, both to the originator and to whoever
7 seeks to profit from marketing someone else's copyrighted work. Wholesale copying does not
8 preclude fair use per se but copying an entire work militates against a finding of fair use. If the
9 secondary user only copies as much as is necessary for a transformative use, then this factor will
10 not weigh against him or her. The extent of permissible copying varies with the purpose and
11 character of the use, which relates back to the first statutory factor.

12 In assessing this third statutory factor, both the quantity of the material used and the
13 quality or importance of the material used should be considered.

14 The fourth and final statutory factor is the effect of the accused infringer's use on the
15 potential market for or value of the copyrighted work. This factor militates against fair use if the
16 accused use materially impairs the marketability or value of the copyrighted work. This is the
17 single most important statutory factor, but it must be weighed with all other factors and is not
18 necessarily dispositive. This factor considers whether the accused work is offered or used as a
19 substitute for the original copyrighted work. This factor considers not only the extent of any
20 market harm caused by the accused infringer's actions but also whether unrestricted and
21 widespread use of the copyrighted materials of the sort engaged in by the accused infringer
22 would result in a substantially adverse impact on the potential market for the copyrighted work.
23 Market harm to the value of the copyrighted work may be a matter of degree, and the importance
24 of this factor will vary not only with the amount of harm shown, but also with the relative
25 strength of the showing on the other factors.

26 In connection with the fourth statutory factor, the term "potential market for or value of"
27 refers to the value of the entire copyrighted work itself and licensing opportunities for the
28 copyrighted work via derivative works. A derivative work is a work based upon one or more

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1 preexisting copyrighted works, such as a musical arrangement based on a book, or a
2 dramatization based on a book, to name only two specifics, or any other form in which a work
3 may be recast, transformed, or adapted. In this case, the copyrighted works in suit are Java 2
4 Standard Edition Versions 1.4 and 5.0, so the only derivatives that count are those derived from
5 those two works.

6 In making your evaluation under the fourth factor, you should assess the harm, if any,
7 to the potential market for or value of the copyrighted work itself and to its licensing value for
8 derivative works. The broader potential market for products that feature independent elements in
9 addition to the copyrighted material and their successes and/or failures may be considered by
10 you only insofar as they shed light on the licensing or market value of the copyrighted work
11 itself and its derivatives. In doing this, moreover, we ignore benefits from the use to the
12 copyright owner outside the genre claimed to have been harmed.

13 Actual present harm need not be shown. Nor is it necessary to show with certainty that
14 future harm will result. What is necessary is a showing by a preponderance of the evidence that
15 some meaningful likelihood of future harm exists. If the intended use is for commercial gain,
16 that likelihood may be presumed except where the second use is transformative because in cases
17 of transformation, market substitution is at least less certain and market harm may not be so
18 readily inferred.

19 I have now completed my explanation of the four factors in the Act. You might ask, are
20 we limited to these four factors? The Act states that the factors to be considered “include” the
21 four statutory factors, and the law holds that those four factors are not exclusive and you may
22 consider any additional circumstances and evidence, pro or con, that, in your judgment, bear
23 upon the ultimate purpose of the Copyright Act, including protection of authors and the right
24 of fair use, namely, to promote the progress of science and useful arts.

25 It is up to you to decide whether all relevant factors, when considered fully and together,
26 favor fair use or disfavor fair use. All of these factors must be explored, discussed, and
27 evaluated by you. No single factor is dispositive. Your evaluation of all factors must be
28 weighed together in light of the purpose of copyright, which as our Constitution states, is to

1 promote the progress of science and useful arts. Some factors may weigh in favor of fair use and
2 some against fair use, and you must decide, after giving the factors such weight as you find
3 appropriate based on the evidence, whether or not, on balance, Google has shown by a
4 preponderance of the evidence that they predominate in favor of fair use.

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7 Dated: May 3, 2016.

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WILLIAM ALSUP
UNITED STATES DISTRICT JUDGE